

09918377_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09918377 on April 05, 2005

12	235/492	(1 OR, 11 XR)
	Class 235 :	REGISTERS
	235/487	RECORDS
	235/492	.Conductive
6	711/115	(6 OR, 0 XR)
	Class 711 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
		SYSTEMS: MEMORY
	711/100	STORAGE ACCESSING AND CONTROL
	711/101	.Specific memory composition
	711/115	..Detachable memory
5	257/679	(2 OR, 3 XR)
	Class 257 :	ACTIVE SOLID-STATE DEVICES
	257/678	HOUSING OR PACKAGE
	257/679	.Smart (e.g., credit) card package
3	257/678	(0 OR, 3 XR)
	Class 257 :	ACTIVE SOLID-STATE DEVICES
	257/678	HOUSING OR PACKAGE
3	257/730	(0 OR, 3 XR)
	Class 257 :	ACTIVE SOLID-STATE DEVICES
	257/688	.With large area flexible electrodes in press
		contact with opposite sides of active semi
	conductor chip	
		and surrounded by an insulating element, e
	.g., ring	
	257/730	.Outside periphery of package having specified
		shape or configuration
3	326/86	(0 OR, 3 XR)
	Class 326 :	ELECTRONIC DIGITAL LOGIC CIRCUITRY
	326/62	INTERFACE (E.G., CURRENT DRIVE, LEVEL SHIFT,
		ETC.)
	326/82	.Current driving (e.g., fan in/out, off chip
		driving, etc.)
	326/83	..Field-effect transistor
	326/86	...Bus driving
3	341/58	(2 OR, 1 XR)
	Class 341 :	CODED DATA GENERATION OR CONVERSION
	341/50	DIGITAL CODE TO DIGITAL CODE CONVERTERS

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341/58 .To or from minimum d.c. level codes

3 363/20 (1 OR, 2 XR)

Class 363 : ELECTRIC POWER CONVERSION SYSTEMS
 363/13 CURRENT CONVERSION
 363/15 .Including D.C.-A.C.-D.C. converter
 363/16 ..Having transistorized inverter
 363/20 ...Single-ended, separately-driven type

3 363/97 (2 OR, 1 XR)

Class 363 : ELECTRIC POWER CONVERSION SYSTEMS
 363/25With automatic control of the magnitude o

f

~~output voltage or current~~

363/74 .With condition responsive means to control th

e

output voltage or current

363/78 ..Cooperating separate sensing and control
 means

363/95 ...For inverter

363/97With transistor control means in the line
 circuit

3 363/98 (1 OR, 2 XR)

Class 363 : ELECTRIC POWER CONVERSION SYSTEMS
 363/25With automatic control of the magnitude o

f

output voltage or current

363/74 .With condition responsive means to control th

e

output voltage or current

363/78 ..Cooperating separate sensing and control
 means

363/95 ...For inverter

363/97With transistor control means in the line
 circuit

363/98For bridge-type inverter

3 365/221 (1 OR, 2 XR)

Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL
 365/189.01 READ/WRITE CIRCUIT
 365/221 .Serial read/write

3 375/376 (1 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/354 SYNCHRONIZERS
 375/371 .Phase displacement, slip or jitter correction

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375/373 ..Phase locking
375/376 ...Phase locked loop

2 257/732 (0 OR, 2 XR)
Class 257 : ACTIVE SOLID-STATE DEVICES
257/688 .With large area flexible electrodes in press
contact with opposite sides of active sem
iconductor chip
and surrounded by an insulating element,
e.g., ring
257/731 .With housing mount
257/732 ..Flanged mount

2 307/110 (0 OR, 2 XR)
Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
SYSTEMS
307/109 CAPACITOR
307/110 .Parallel-charge, series-discharge (e.g.,
voltage doublers)

2 318/812 (0 OR, 2 XR)
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
318/727 INDUCTION MOTOR SYSTEMS
318/767 .Primary circuit control
318/812 ..Voltage control

2 323/222 (1 OR, 1 XR)
Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION
SYSTEMS
323/220 IN SHUNT WITH SOURCE OR LOAD
323/222 .Using choke and switch across source

2 323/235 (0 OR, 2 XR)
Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION
SYSTEMS
323/234 OUTPUT LEVEL RESPONSIVE
323/235 .Zero switching

2 327/541 (0 OR, 2 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS
327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR
SYSTEM
327/530 .With specific source of supply or bias voltag
e
327/538 ..Stabilized (e.g., compensated, regulated,
maintained, etc.)

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327/540 ...With voltage source regulating
327/541With field-effect transistor

2 327/7 (0 OR, 2 XR)

Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS

327/1 SPECIFIC SIGNAL DISCRIMINATING (E.G.,
COMPARING, SELECTING, ETC.) WITHOUT SUBS

EQUENT CONTROL

327/2 .By phase

327/3 ..Comparison between plural inputs (e.g., phas
angle indication, lead-lag discriminator,

etc.)

327/7 ...With reference signal

2 331/17 (0 OR, 2 XR)

Class 331 : OSCILLATORS

331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E

OR FREQUENCY SENSING MEANS

331/17 .Particular error voltage control (e.g.,
intergrating network)

2 331/25 (0 OR, 2 XR)

Class 331 : OSCILLATORS

331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E

OR FREQUENCY SENSING MEANS

331/18 .With reference oscillator or source

331/25 ..Signal or phase comparator

2 340/825.62 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE

340/825.57 .Pulse responsive actuation

340/825.62 ..Serial

2 361/154 (0 OR, 2 XR)

Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES

361/139 CONTROL CIRCUITS FOR ELECTROMAGNETIC DEVICES

361/143 .Systems for magnetizing, demagnetizing, or
controlling the magnetic field

361/152 ..Including particular drive circuit

361/154 ...Including means to establish plural distinc

t

current levels (e.g., high, low)

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2	361/155	(1 OR, 1 XR)	
	Class	361	: ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES
	361/139		CONTROL CIRCUITS FOR ELECTROMAGNETIC DEVICES
	361/143		.Systems for magnetizing, demagnetizing, or controlling the magnetic field
	361/152		..Including particular drive circuit
t	361/154		...Including means to establish plural distinc current levels (e.g., high, low)
	361/155	With capacitor charging or discharging through coil

2	363/131	(0 OR, 2 XR)	
	Class	363	: ELECTRIC POWER CONVERSION SYSTEMS
f	363/25	With automatic control of the magnitude o output voltage or current
	363/123		.Using semiconductor-type converter
	363/131		..In transistor inverter systems
2	363/132	(1 OR, 1 XR)	
	Class	363	: ELECTRIC POWER CONVERSION SYSTEMS
f	363/25	With automatic control of the magnitude o output voltage or current
	363/123		.Using semiconductor-type converter
	363/131		..In transistor inverter systems
	363/132		...Bridge type
2	363/134	(0 OR, 2 XR)	
	Class	363	: ELECTRIC POWER CONVERSION SYSTEMS
f	363/25	With automatic control of the magnitude o output voltage or current
	363/123		.Using semiconductor-type converter
	363/131		..In transistor inverter systems
	363/133		...Double ended (i.e., push-pull) type
	363/134	Separately driven
2	370/505	(2 OR, 0 XR)	
	Class	370	: MULTIPLEX COMMUNICATIONS
	370/473		..Transmission of a single message having multiple packets
e	370/498		.Combining or distributing information via tim channels

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370/503 ..Synchronizing
370/505 ...Pulse stuffing or deletion

2 375/371 (0 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/354 SYNCHRONIZERS
375/371 .Phase displacement, slip or jitter correction

2 388/811 (1 OR, 1 XR)
Class 388 : ELECTRICITY: MOTOR CONTROL SYSTEMS
388/800 CLOSED LOOP SPEED CONTROL SYSTEM FOR DC MOTOR
WITH COMMUTATOR
~~388/809 .Armature control by digital or combined analog~~

g

and digital circuitry
388/811 ..By pulse width or duty cycle modification

2 388/815 (1 OR, 1 XR)
Class 388 : ELECTRICITY: MOTOR CONTROL SYSTEMS
388/800 CLOSED LOOP SPEED CONTROL SYSTEM FOR DC MOTOR
WITH COMMUTATOR
388/809 .Armature control by digital or combined analog

g

and digital circuitry
388/815 ..By voltage or current modification

2 711/104 (0 OR, 2 XR)
Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
711/100 STORAGE ACCESSING AND CONTROL
711/101 .Specific memory composition
711/104 ..Solid-state random access memory (RAM)



STIC Search Report

EIC 2600

STIC Database Tracking Number: 149930

TO: Con P Tran
Location: KNX-6B69
Art Unit : 2644
Tuesday, April 05, 2005

Case Serial Number: 09/918377

From: Samir Patel
Location: EIC 2600
KNX-8B68
Phone: 571-272-3537

Samir.patel@uspto.gov

Search Notes

Dear Examiner

Please find attached the search results for 09/918377. I have used the search strategy as per our discussion. I have searched the standard Dialog files, IBM TDBs, IEEE, DTIC, Proquest, the wayback machine, and the internet.

If you would like a re-focus please let me know.

Thank you

Samir Patel

SINH TRAN
PATENT EXAMINER
2644

Access DB# 149930

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: CON P. TRAN Examiner #: 78910 Date: 04/05/05
Art Unit: 2644 Phone Number: 27532 Serial Number: 09/918377
Location: KNX 6869 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: On-the-Fly Configurable Audio Processing Machine

Inventors (please provide full names): David D. Batchiff, Nicholas C. Kiewer,
Rustin W. Allred

Earliest Priority Filing Date: 07/30/01

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

[Multiplying by zero (shuts, closes, disconnects, changes, switches)]
[Multiplying by one (opens, connects, unchanges)]
[Multiplying by negative one (inverses, reverses, switches)]

STAFF USE ONLY

Searcher: Patel Samir

Searcher Phone #: 2-3537

Searcher Location: KNX-8868

Date Searcher Picked Up: 12:00 PM 04/05

Date Completed: 5:30 PM 04/05

Searcher Prep & Review Time: 70

Clerical Prep Time:

Online Time: 140

Type of Search

NA Sequence (#)

AA Sequence (#)

Structure (#)

Bibliographic ☒

Litigation

Fulltext ☒

Patent Family

Other

Vendors and cost where applicable

STN

Dialog

Questel/Orbit

Dr.Link

Lexis/Nexis

Sequence Systems

WWW/Internet ☒

Other (specify)